

Japanese Utility Model Publication No. 3013083

Issue Date: June 27, 1995

Japanese Utility Model Application No. 6-16964

Filing Date : December 27, 1994

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PACKING BOX FOR SHEET-LIKE GOODS

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CLAIMS

[Utility model registration claim]

[Claim 1] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them many — It has the end rate wall which cut on said shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed. Said sheet-like goods are shipping boxes for sheet-like goods characterized by carrying out a laminating in parallel with said upper wall, and being contained in said shipping-box body.

[Claim 2] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them many — It has the end rate wall which cut on said shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed. The wall and said end rate wall of said shipping-box body are a shipping box for sheet-like goods which is connected in the perforation-like end rate section and is characterized by carrying out the laminating of said sheet-like goods in parallel with said upper wall, and containing them in said shipping-box body.

[Claim 3] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them many — It has the end rate wall which cut on said shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed. The wall and said end rate wall of said shipping-box body are a shipping box for sheet-like goods which is connected with adhesive tape and characterized by carrying out the laminating of said sheet-like goods in parallel with said upper wall, and containing them in said shipping-box body.

[Claim 4] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them many — It has the end rate wall which cut on said shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed. It is the shipping box for sheet-like goods which said end rate wall has the part which follows the wall of said shipping-box body free [bending] after an end rate, and is characterized by carrying out the laminating of said sheet-like goods in parallel with said upper wall, and containing them in said shipping-box body.

[Claim 5] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several

sheets, and packs them many -- It has the end rate wall which cut in the wall of said shipping-box body, and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed. Said end rate wall has the part which follows the wall of said shipping-box body free [bending] after an end rate. The wall and said end rate wall of said shipping-box body It is the shipping box for sheet-like goods which is connected in the perforation-like end rate section except for said continuous part, and is characterized by carrying out the laminating of said sheet-like goods in parallel with said upper wall, and containing them in said shipping-box body.

[Claim 6] In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them many -- The lid formed in the wall of said shipping-box body free [a drive] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of said shipping-box body and opening for sheet ejection prepared in the upper wall of said shipping-box body succeeding said opening for sheet knobs might be closed, It is the shipping box for sheet-like goods which is equipped with a lid-open close means to hold said lid free [closing motion] on said shipping-box body, and is characterized by carrying out the laminating of said sheet-like goods in parallel with said upper wall, and containing them in said shipping-box body.

[Claim 7] It is the shipping box for sheet-like goods characterized by being a shipping box for sheet-like goods according to claim 6, and said lid-open close means consisting of the adhesive tape stuck free [exfoliation] ranging over the edge of said lid, and the edge of the wall of said shipping-box body.

[Claim 8] It is the shipping box for sheet-like goods characterized by being a shipping box for sheet-like goods according to claim 6, and said lid-open close means consisting of the piece of a plug fixed to the condition of it having been prepared in said lid, it having been inserted in the plug hole of the wall of said shipping-box body, and having closed said lid.

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DETAILED DESCRIPTION

[Detailed explanation of a design]**[0001]****[Industrial Application]**

This design is related with amelioration of the shipping box for sheet-like goods used suitable to pack sheet-like goods, such as a copy paper for OA equipment, or a print form.

[0002]**[Description of the Prior Art]**

The print form for the printers of OA equipment, such as a word processor or a personal computer, is packed by wrapping by making 1000 sheets into 1 bundle, and a copy paper makes 500 sheets 1 bundle, it is packed by wrapping, and, in the case of every number of bundles of arbitration, and the copy paper, these package objects are put in and sold [ship and] every 5 bundles at the shipping box.

[0003]

Since these print forms and copy papers had to open both a shipping box and wrapping, they required time amount for opening a package upwards, and since wrapping was used having taken out the package object from the shipping box and having opened, since wrapping was required, they were uneconomical. moreover — if it is having come out and opened [which has a possibility that residual paper may break and is not in wrapping in package direct] since the residual paper in the once opened wrapping cannot carry out self-hold of the form although package direct [of the residual paper of each package inside of the body] is carried out to wrapping, it is put into a shipping box and it is kept in many cases — dirt — being easy — since — it needed to keep in other proper storage cases, and there was a fault from which management of residual paper becomes complicated.

[0004]**[Problem(s) to be Solved by the Device]**

One technical problem which this design tends to solve is to offer the shipping box for sheet-like goods which can be packed, without needing wrapping.

[0005]

Other technical problems which this design tends to solve can take out the sheet-like goods of the number of sheets of required arbitration from a shipping box, and are to offer the shipping box for sheet-like goods which can keep residual paper as it is and can manage it.

[0006]**[Means for Solving the Problem]**

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 1st technical-problem solution means of this design — many — It has the end rate wall which cut on the shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. Sheet-like goods It is in offering the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a

upper wall, and being contained in a shipping-box body.

[0007]

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 2nd technical-problem solution means of this design -- many -- It has the end rate wall which cut on the shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. It cuts with the wall of a shipping-box body, and it connects in the perforation-like end rate section, and a rate wall has sheet-like goods in offering the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a upper wall, and being contained in a shipping-box body.

[0008]

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 3rd technical-problem solution means of this design -- many -- It has the end rate wall which cut on the shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. It cuts with the wall of a shipping-box body, and it connects with adhesive tape and a rate wall has sheet-like goods in offering the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a upper wall, and being contained in a shipping-box body.

[0009]

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 4th technical-problem solution means of this design -- many -- It has the end rate wall which cut on the shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. This end rate wall Having the part which follows the wall of a shipping-box body free [bending] after an end rate, sheet-like goods are to offer the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a upper wall, and being contained in a shipping-box body.

[0010]

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 5th technical-problem solution means of this design -- many -- It has the end rate wall which cut on the shipping-box body and was established free [a rate] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. This end rate wall It has the part which follows the wall of a shipping-box body free [bending] after an end rate, and cuts with the wall of a shipping-box body. A rate wall Connecting in the perforation-like end rate section except for this continuous part, sheet-like goods are to offer the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a upper wall, and being contained in a shipping-box body.

[0011]

In the shipping box for sheet-like goods which consists of the shipping-box body of the cube made of pasteboard which carries out the laminating of the sheet-like goods of several sheets, and packs them the 6th technical-problem solution means of this design -- many -- The lid formed in the wall of a shipping-box body free [a drive] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for

sheet knobs might be closed. Having a lid-open close means to hold this lid free [closing motion] on a shipping-box body, sheet-like goods are to offer the shipping box for sheet-like goods characterized by carrying out a laminating in parallel with a upper wall, and being contained in a shipping-box body.

[0012]

The 7th technical-problem solution means of this design is a shipping box for sheet-like goods by the 6th technical-problem solution means, and a lid-open close means is to offer the shipping box for sheet-like goods characterized by consisting of the adhesive tape stuck free [exfoliation] ranging over the edge of a lid, and the edge of the wall of a shipping-box body.

[0013]

The 8th technical-problem solution means of this design is a shipping box for sheet-like goods by the 6th technical-problem solution means, and a lid-open close means is to offer the shipping box for sheet-like goods characterized by consisting of the piece of a plug fixed to the condition of it having been prepared in the lid, it having been inserted in the plug hole of the wall of a shipping-box body, and having closed the lid.

[0014]

[Function]

Thus, a shipping box has opening which consists of opening for sheet knobs prepared in that one perpendicular wall, and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs. When sheet-like goods carry out a laminating to a upper wall at parallel and are contained in this shipping box, sheet-like goods Since these sheet-like goods can be taken out from opening for sheet ejection which edits in a shipping box through opening for sheet knobs, gathers the sheet-like goods of predetermined number of sheets, and follows this opening for sheet knobs It is not necessary to open wrapping and handling becomes easy at the time of use of sheet-like goods.

[0015]

Since it is contained in a shipping box as it is and the activity which wraps sheet-like goods in wrapping on the occasion of packing of sheet-like goods becomes unnecessary, without wrapping in wrapping, sheet-like goods can improve the effectiveness of a packing activity, and since wrapping is unnecessary, they become economical.

[0016]

Since a shipping box can be easily opened only by cutting the perforation-like end rate section, or removing and cutting adhesive tape, cutting a rate wall, and separating from the wall of a shipping-box body along with the rate section, a **** activity is easy for it.

[0017]

Since the unsold goods of sheet-like goods are kept as it is in a shipping box, sheet-like goods break, or they do not become dirty, and the management is easy for them.

[0018]

If an end rate wall does not cut and carry out the rate of those all, but that part is cut [*****] and carries out a rate, following the wall of a shipping-box body free [bending], since it can use as a lid of opening and can prevent that a contaminant and moisture invade in a shipping box, unsold goods can be soiled, or this end rate wall is not damaged and can keep unsold goods in the good condition.

[0019]

Moreover, it has the lid formed in the wall of a shipping-box body free [a drive] so that opening which consists of opening for sheet knobs prepared in one perpendicular wall of the shipping-box body of the cube made of paper and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs might be closed. It will be made the same, if sheet-like goods carry out a laminating in parallel with a upper wall and are contained in the shipping-box body. Sheet-like goods Since sheet-like goods can be taken out from opening for sheet ejection which edits in a shipping box through opening for sheet knobs, gathers sheet-like goods, and follows this opening for sheet knobs, it is not necessary to open wrapping and handling becomes easy at the time of use of sheet-like goods.

[0020]

If adhesive tape can be removed and it can open easily, if this lid is closed with the adhesive tape of detachability where opening is closed, and this adhesive tape has a re-adhesive property, using this adhesive tape, a lid can be repeated, and it can paste up, and is advantageous.

[0021]

When it has the piece of a plug by which this lid inserts in the plug hole of the wall of a shipping-box body, and fixes a lid to the wall of a shipping-box body, moreover, a shipping box Since it can open only by extracting the piece of a plug from the plug hole of a shipping-box body Since the piece of a plug of a lid is only inserted in the plug hole of a shipping-box body and a lid can be closed after being able to do a **** activity still more briefly and taking out the sheet-like goods of required number of sheets, handling is still easier.

[0022]

[Example]

When the example of this design is stated to a detail with reference to a drawing, typically, the sheet-like goods 12 which drawing 1 shows the shipping box 10 for sheet-like goods concerning this design, and are packed by this shipping box 10 are OA machine dexterous print form or a copy paper. this shipping box 10 for sheet-like goods -- many -- it consists of the shipping-box body 14 of the cube made of pasteboard which carries out the laminating of the sheet-like goods 12 of several sheets, and packs them.

[0023]

a shipping box -- a body -- 14 -- corrugated paper -- etc. -- pasteboard -- partial -- having continued -- a condition -- piercing -- forming -- having had -- a low wall -- 16 -- four -- a ** -- perpendicular -- a wall -- 18 -- 18 -- ' -- 20 -- 20 -- ' -- a upper wall -- 22 -- a joint -- a part -- 24 -- assembling -- forming -- having -- ****. drawing 2 -- being shown -- as -- usual -- a shipping box -- the same -- this -- a shipping box -- a body -- 14 -- a joint -- a part -- 24 -- a phase -- junction -- carrying out -- a wall -- 16 -- 18 -- 18 -- ' -- 20 -- 20 -- ' -- one side -- bending -- extension -- an edge -- a piece -- 26 -- having -- this -- extension -- an edge -- a piece -- 26 -- another side -- a wall -- an edge -- a binder -- 28 -- a grade -- joining -- forming -- having . In addition, the perpendicular wall 18 and 18' are a forward surface wall and a rear-face wall, respectively, and the perpendicular wall 20 and 20' are side attachment walls on either side respectively.

[0024]

The shipping box 10 for sheet-like goods of this design in the example of one perpendicular wall of the shipping-box body 14, and illustration So that the opening 34 which consists of the opening 30 for sheet knobs prepared in the perpendicular wall 18 which is a forward surface wall, and the opening 32 for sheet ejection prepared in the upper wall 22 of the shipping-box body 14 succeeding this opening 30 for sheet knobs may be closed It has the end rate wall 36 which cut in the wall of the shipping-box body 14, and was established free [a rate], and this end rate wall 36 is cut with the example of drawing 1 into the boundary part of the perpendicular wall 18 and the perpendicular wall 20, and a upper wall 22, and the rate of it has become free in it. In the shipping-box body 14, a laminating is carried out in parallel and the sheet-like goods 12 are contained by a low wall 16 and the upper wall 22, as shown in drawing 1 .

[0025]

if the sheet-like goods 12 near a low wall 16 can be gathered as shown in drawing 4 although the opening 30 for sheet knobs is prolonged over the total height of the perpendicular wall 18 in the example of illustration by the width of face which is extent into which it leaves both ends to and a hand goes -- the part by the side of the low wall 16 of the perpendicular wall 18 -- it could leave 18a slightly and you may extend to the upper limb. Moreover, although the opening 32 for sheet ejection left a part for the wall which ****s to the width of face of the sheet-like goods 12, and is shown by sign 22a of drawing 1 at full [of a upper wall 22] (back edge) and is prolonged in the example of illustration When the sheet-like goods 12 have big bending like paper, as shown in drawing 5 , it may leave 22h of upper wall parts of one half extent of a lengthwise direction in the range which can take out the sheet-like goods 12, and it may leave crosswise both-ends part 22w, and you may form.

[0026]

As the end rate wall 36 is shown in drawing 1 or drawing 5, it has the configuration which ****s in the opening 34 which consists of openings 30 and 32. This end rate wall 36 Although you may separate from the shipping-box body 14 completely at the time of **** of a shipping box 10 as shown in drawing 3, preferably Without having met a part of end rate section 38, for example, the first transition of wall part 22a where the upper wall 22 remained, described later, and cutting and carrying out the rate of the part of the rate section 38, as shown in drawing 1 It can function [****] as a lid of opening 34, continuing free [bending], as Sign f shows.

[0027]

Although some of perpendicular walls 18 and upper walls 22 are constituted with the part in which it is the same wall surface as the perpendicular wall 18 and a upper wall 22, and the perpendicular wall 18 and the upper wall 22 remained, respectively as the end rate wall 36 is shown in drawing 6 It is the boundary part and upper wall 22 (as shown in drawing 1) of the perpendicular wall 18, the perpendicular wall 20, and a upper wall 22 by the proper end rate section 38. It receives becoming only the corner which are a upper wall 22, the perpendicular wall 20, and the boundary section with 20' strictly to a upper wall 22, when bending is free at bend line f, cuts, and connects free [a rate].

[0028]

Typically, although this end rate section 38 is one perforation 40A as shown in drawing 6 (A) As it can be referred to as two perforations 40B as shown in drawing 6 (B) and is shown in drawing 6 (C) As Sign c shows except for the part which continues from the perpendicular wall 18 and a upper wall 22 as the end rate wall 36 shows with Sign c You may consist of adhesive tape 40C which is separated completely, cut and was stuck ranging over between the boundary parts of the rate wall 36, the perpendicular wall 18 and the perpendicular wall 20, and a upper wall 22. When the end rate section 38 consists of two perforations 40B, since the end rate section 38 has the width of face which ****s at two spacing of perforation 40B, at the time of ****, it cuts in the shape of a tape, and divides, and it is carried out. Therefore, although closing motion of a lid becomes easy since a clearance is generated between parts for the wall of the shipping-box body 14, and a finger can be put into this clearance in operating the end rate wall 36 as a lid, moisture and a contaminant become easy to invade from this clearance.

[0029]

Next, without being wrapped in wrapping, if the busy condition of the shipping box 10 for sheet-like goods of this design is described, as shown in drawing 1, into the shipping-box body 14, the sheet-like goods 12 will be made parallel, and a laminating will be carried out to a low wall 16 and a upper wall 22 with nakedness, and they will be contained. After containing these sheet-like goods 12, a shipping box 10 closes a part for the joint 24 shown in drawing 2, is shipped, and is sold.

[0030]

Thus, the user who purchased the shipping box 10 by which the sheet-like goods 12 were contained cuts and does the rate of perforation 40A or 40B which is the end rate section 38, cuts it with a knife etc., and cuts, breaks, does and **** the rate wall 36 from the wall of the shipping-box body 14. In this case, as shown in drawing 1, it is desirable [the wall / the end rate wall 36 may separate that whole, as shown in drawing 3, but / the part of bend line f], as already stated to operate the end rate wall 36 as a lid without separating. In addition, although the part from which the end rate section 38 is not separated in the example of drawing 1 was a boundary part with the edge of the cross direction of a upper wall 22, in the case of the latter, it is cut off partially succeeding a boundary part with the edge of the opening 30 of the perpendicular wall 18, and is good [you may be a part for the edge of the lengthwise direction of a upper wall 22, and] also as bending being free ranging over both the perpendicular wall 18 and the upper wall 22.

[0031]

Then, a user puts in a hand through the opening 30 for sheet knobs, gathers the sheet-like goods 12 of predetermined number of sheets, and takes out these sheet-like goods 12 through the opening 32 for sheet ejection. After extraction, the end rate wall 36 which is a lid is set by the perpendicular wall 18 and the upper wall 22, and openings 30 and 32 are closed. Therefore,

the remaining sheet-like goods 12 can keep a shipping box 10 as it is as a storage case.
[0032]

Other examples of this design are shown in drawing 7 and drawing 9, and in these examples, it replaced with the end rate wall 36, was beforehand supported by the upper wall 22 free [bending] in the drive section 51, and has the lid 50 which was separated from the wall of the shipping-box body 14, and was formed except for this drive section 51, and a lid fixed means 52 to fix this lid 50 to the wall of the shipping-box body 14 free [closing motion]. Although the drive section 51 can be made into a proper gestalt, as shown in drawing 7, considering as the light-gage drive section is desirable.

[0033]

In the example of drawing 7, the lid fixed means 52 consists of the adhesive tape 54 stuck free [exfoliation] among both walls ranging over between the perpendicular wall 18 and the perpendicular wall 20, and lids 50, as shown in drawing 7 and drawing 8. When this adhesive tape 54 has a re-adhesive property after exfoliation like the Magic fastener especially, since an airtight can be maintained at the wall of the shipping-box body 14 and a lid 50 can be repeatedly fixed to it, it is desirable.

[0034]

In the example of drawing 9, the lid fixed means 52 consists of the piece 58 of a plug fixed to the condition which inserted, was inserted in the hole 56 and closed the lid 50 of it having been prepared in the lid 50 and having been prepared in the perpendicular wall 18 and the perpendicular wall 20. At the time of shipment, this piece 58 of a plug is fixed by proper means, such as a gummed tape, with a lid 50 so that it may not open unwillingly.

[0035]

In the example of drawing 7 and drawing 9, the adhesive tape 54 which is the lid fixed means 52 is removed, or the gummed tape which inserts with a lid 5 and is fixing the piece 58 is removed, in the drive section 51, the drive of the lid 50 is carried out, it is opened, a hand is put in like the example of drawing 1 from the opening 30 (not shown to drawing 7 and drawing 9) of opening 34, the sheet-like goods 12 are gathered, and these sheet-like goods 12 are taken out from opening 32. Then, although a lid 50 is closed, when adhesive tape 54 has a re-adhesive property, it re-pastes up with this adhesive tape 54, or the piece 58 of a plug is inserted, it inserts in a hole 56, and a lid 50 is fixed. Thus, unsold goods can be kept as it is in a shipping box 10.

[0036]

[Effect of the Device]

According to this design, a shipping box has opening which consists of opening for sheet knobs prepared in one perpendicular wall of a shipping-box body, and opening for sheet ejection prepared in the upper wall of a shipping-box body succeeding this opening for sheet knobs as mentioned above. Since the laminating of the sheet-like goods is carried out to a upper wall at parallel and they are contained in this shipping box, sheet-like goods It can edit in a shipping box through opening for sheet knobs, it is not necessary to gather sheet-like goods, and to take out sheet-like goods from opening for sheet ejection which follows this opening for sheet knobs, therefore to open wrapping at the time of use of sheet-like goods, and handling becomes easy.

[0037]

Moreover, since it is contained in a shipping box as it is and the activity which wraps sheet-like goods in wrapping on the occasion of packing of sheet-like goods becomes unnecessary, without wrapping sheet-like goods in wrapping, the effectiveness of a packing activity can be improved, and since wrapping is unnecessary, it is economical.

[0038]

Furthermore, since **** of a shipping box is simply performed only by cutting the perforation-like end rate section, or removing and cutting adhesive tape, cutting a rate wall, and separating from the wall of a shipping-box body along with the rate section, a **** activity is easy for it.

[0039]

Since especially the unsold goods of sheet-like goods can be kept as it is in a shipping box, sheet-like goods break, or they do not become dirty, and storage and management of sheet-like goods are easy for them.

[0040]

Since an end rate wall can be used as a lid of opening in this case by the ability supposing an end rate wall that it leaves a part of end rate section, and the wall of a shipping-box body has been followed free [bending] and it can prevent that a contaminant and moisture invade in the ****(ed) shipping box, unsold goods can be soiled, or it does not damage and unsold goods can be kept in the good condition.

[0041]

Moreover, if the lid which replaces with an end rate wall and closes opening is attached in the shipping-box body free [a drive], since a troublesome end rate activity will become unnecessary at the time of ****, a **** activity is easy and there is utility which can close a lid and can keep sheet-like goods good after extraction of sheet-like goods.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the perspective view of the busy condition of one example of the shipping box for sheet-like goods concerning this design.

[Drawing 2] It is the expanded sectional view for a joint of the four corners of the shipping box of drawing 1.

[Drawing 3] It is the perspective view of other examples of use of the shipping box for sheet-like goods concerning this design.

[Drawing 4] They are some perspective views of the shipping box for sheet-like goods which has different opening.

[Drawing 5] Furthermore, they are some perspective views of the shipping box for sheet-like goods which has opening from which others differ.

[Drawing 6] Three different examples of the end rate section of the shipping box of this design are shown, and some expansion front views of the end rate section with which this drawing (A) consists of one perforation, the expansion front view of a part of end rate section with which this drawing (B) consists of two perforations, and these drawings (C) are some expansion front views of the end rate section which consists of adhesive tape.

[Drawing 7] It is a perspective view in the packing condition of an example that the shipping boxes for sheet-like goods concerning this design differ.

[Drawing 8] A part of lid-open close means used for the example of drawing 7 is expanded and shown, this drawing (A) is the expansion front view, and this drawing (B) is the expanded sectional view.

[Drawing 9] In the example of drawing 7, it is the perspective view of the important section of the modification of a lid-open close means.

[Description of Notations]

10 Shipping Box for Sheet-like Goods

12 Sheet-like Goods

14 Shipping-Box Body

16 Low Wall

18 Perpendicular Wall (Forward Surface Wall)

18a Some perpendicular walls

18' Perpendicular wall (rear-face wall)

20 Perpendicular Wall (One Side Attachment Wall)

20' Perpendicular wall (side attachment wall of another side)

22 Upper Wall

22a The back edge of a upper wall

22h Upper wall part

22w A part for both ends

24 A Part for Joint

26 Extended Marginal Piece

28 Binder

30 Opening for Sheet Knobs

32 Opening for Sheet Ejection
34 Opening
36 End Rate Wall
38 End Rate Section
40A One perforation
40B Two perforations
40C Adhesive tape
50 Lid
52 Lid-open Close Means
51 Drive Section
54 Adhesive Tape
56 Plug Hole
58 Piece of Plug
f Bend line

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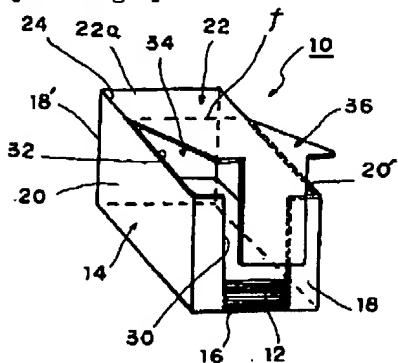
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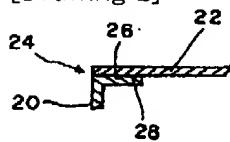
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3. In the drawings, any words are not translated.

DRAWINGS

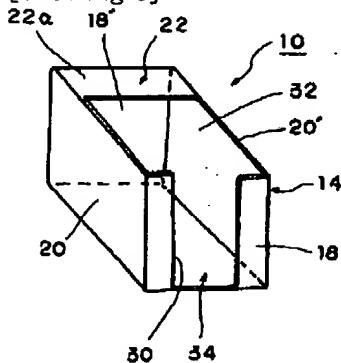
[Drawing 1]



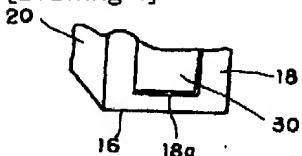
[Drawing 2]



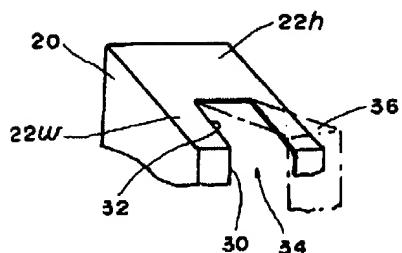
[Drawing 3]



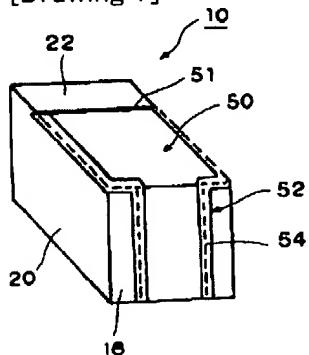
[Drawing 4]



[Drawing 5]



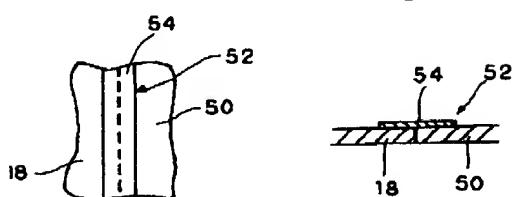
[Drawing 7]



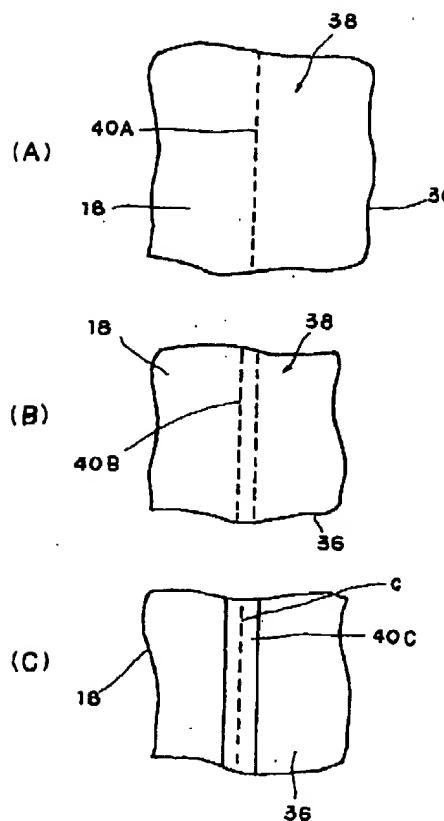
[Drawing 8]

(A)

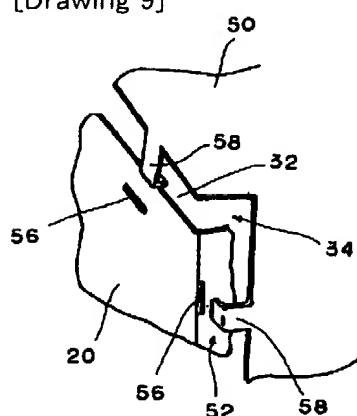
(B)



[Drawing 6]



[Drawing 9]



[Translation done.]

(19) 日本国特許庁 (JP)

(12) 登録実用新案公報 (U)

(11) 実用新案登録番号

第3013083号

(45) 発行日 平成7年(1995)6月27日

(24) 登録日 平成7年(1995)4月19日

(51) Int.Cl.
B 65 D 83/08
5/66

識別記号 G
府内整理番号 Z

F I

技術表示箇所

評価書の請求 未請求 請求項の数 8 FD (全 14 頁)

(21) 出願番号 実願平6-16964

(22) 出願日 平成6年(1994)12月27日

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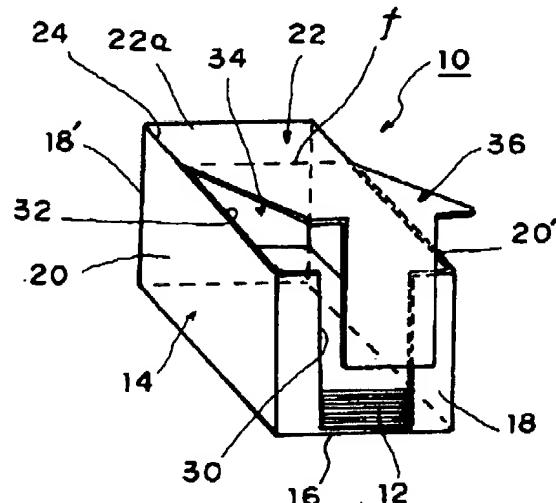
(74) 代理人 弁理士 菊池 新一 (外1名)

(54) 【考案の名称】 シート状物品用包装箱

(57) 【要約】

【目的】 シート状物品を包装紙に包むことなく包装することができ、包装箱の開口から所定のシート状物品を容易に取り出すことができ、また残品の管理が容易である。

【構成】 シート状物品用包装箱10の開口32を通して所定枚数のシート状物品12を読み、開口32から取り出し、残品は包装箱10内にそのまま保管される。必要に応じて開口30、32は、切り割り壁36によって閉じられる。



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【実用新案登録請求の範囲】

【請求項 1】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの横壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体に切り割り自在に設けられた切り割り壁を備え、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 2】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの垂直壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体に切り割り自在に設けられた切り割り壁を備え、前記包装箱本体の壁と前記切り割り壁とは、ミシン目状の切り割り部で接続され、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 3】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの垂直壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体に切り割り自在に設けられた切り割り壁を備え、前記包装箱本体の壁と前記切り割り壁とは、接着テープで接続され、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 4】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの垂直壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体に切り割り自在に設けられた切り割り壁を備え、前記切り割り壁は、切り割り後、前記包装箱本体の壁に折り曲げ自在に連続する部分を有し、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 5】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの垂直壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体

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の壁に切り割り自在に設けられた切り割り壁を備え、前記切り割り壁は、切り割り後、前記包装箱本体の壁に折り曲げ自在に連続する部分を有し、前記包装箱本体の壁と前記切り割り壁とは、前記連続する部分を除きミシン目状の切り割り部で接続され、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 6】 多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、前記包装箱本体の 1 つの垂直壁に設けられたシート摘み用開口と前記シート摘み用開口に連続して前記包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように前記包装箱本体の壁に枢動自在に設けられた蓋と、前記蓋を前記包装箱本体に開閉自在に保持する蓋開閉手段とを備え、前記シート状物品は、前記包装箱本体内に前記上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱。

【請求項 7】 請求項 6 に記載のシート状物品用包装箱 20 であって、前記蓋開閉手段は、前記蓋の縁と前記包装箱本体の壁の縁とに跨がって剥離自在に貼り付けられる接着テープから成っていることを特徴とするシート状物品用包装箱。

【請求項 8】 請求項 6 に記載のシート状物品用包装箱 30 であって、前記蓋開閉手段は、前記蓋に設けられ前記包装箱本体の壁の差し込み孔に差し込まれて前記蓋を閉じた状態に固定する差し込み片から成っていることを特徴とするシート状物品用包装箱。

【図面の簡単な説明】

30 【図 1】本考案に係るシート状物品用包装箱の一実施例の使用状態の斜視図である。

【図 2】図 1 の包装箱の四隅の接合部分の拡大断面図である。

【図 3】本考案に係るシート状物品用包装箱の他の使用例の斜視図である。

【図 4】異なる開口部を有するシート状物品用包装箱の一部の斜視図である。

【図 5】更に他の異なる開口部を有するシート状物品用包装箱の一部の斜視図である。

40 【図 6】本考案の包装箱の切り割り部の 3 つの異なる例を示し、同図 (A) は一本のミシン目から成る切り割り部の一部の拡大正面図、同図 (B) は二本のミシン目から成る切り割り部の一部の拡大正面図、同図 (C) は接着テープから成る切り割り部の一部の拡大正面図である。

【図 7】本考案に係るシート状物品用包装箱の異なる実施例の梱包状態の斜視図である。

【図 8】図 7 の実施例に用いられる蓋開閉手段の一部を拡大して示し、同図 (A) はその拡大正面図、同図 50 (B) はその拡大断面図である。

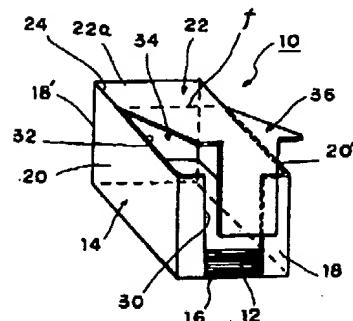
【図9】図7の実施例において蓋開閉手段の変形例の要部の斜視図である。

【符号の説明】

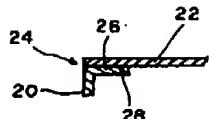
- 10 シート状物品用包装箱
- 12 シート状物品
- 14 包装箱本体
- 16 下壁
- 18 垂直壁(正面壁)
- 18a 垂直壁の一部
- 18' 垂直壁(後面壁)
- 20 垂直壁(一方の側壁)
- 20' 垂直壁(他方の側壁)
- 22 上壁
- 22a 上壁の後方端部
- 22h 上壁部分
- 22w 両端部分
- 24 接合部分

- * 26 延長緣片
- 28 接着材
- 30 シート摘み用開口
- 32 シート取り出し用開口
- 34 開口部
- 36 切り割り壁
- 38 切り割り部
- 40A 一本のミシン目
- 40B 二本のミシン目
- 10 40C 接着テープ
- 50 蓋
- 52 蓋開閉手段
- 51 枢動部
- 54 接着テープ
- 56 差し込み孔
- 58 差し込み片
- * f 折り曲げ線

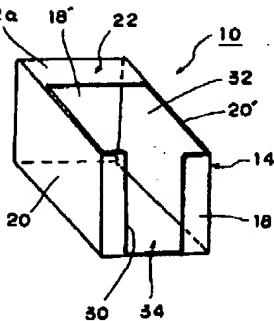
【図1】



【図2】



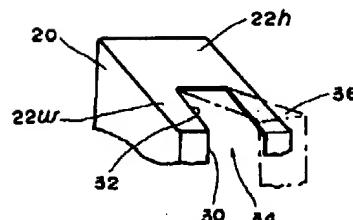
【図3】



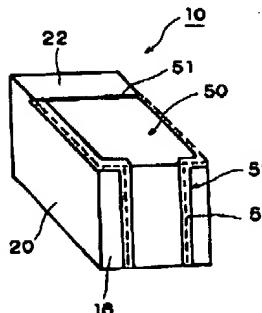
【図4】



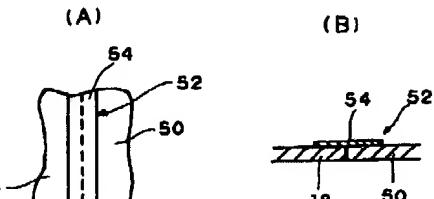
【図5】



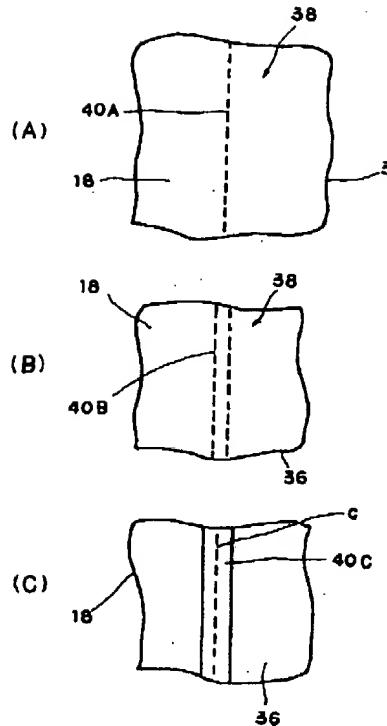
【図7】



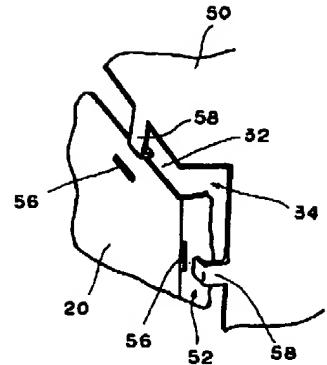
【図8】



【図6】



【図9】



【考案の詳細な説明】**【0001】****【産業上の利用分野】**

本考案は、例えば、OA機器用のコピー用紙又はプリント用紙等のシート状物品を包装するのに好適に用いられるシート状物品用包装箱の改良に関するものである。

【0002】**【従来の技術】**

ワードプロセッサ又はパーソナルコンピュータ等のOA機器のプリンタ用のプリント用紙は、例えば1000枚を一締めとして包装紙によって包装され、またコピー用紙は、例えば500枚を一締めとして包装紙によって包装され、これらの包装体は、任意の締め数毎、例えばコピー用紙の場合には、5締め毎に包装箱に入れられて出荷、販売されている。

【0003】

これらのプリント用紙やコピー用紙は、包装箱から包装体を取り出し、包装紙を開いて使用されるので、包装箱と包装紙との両方を開かなければならぬので包装を開くのに時間がかかる上に包装紙が必要であるため不経済であった。また、各包装体内の残紙は、包装紙に包み直して包装箱に入れて保管されることが多いが、一旦開かれた包装紙内の残紙は、形を自己保持することができないため、残紙が折れる虞があり、また包装紙に包み直さないで開いたままとすると、汚れ易いので、適宜の他の保管ケースに保管する必要があり、残紙の管理が煩雑となる欠点があった。

【0004】**【考案が解決しようとする課題】**

本考案が解決しようとする1つの課題は、包装紙を必要とすることなく、包装することができるシート状物品用包装箱を提供することにある。

【0005】

本考案が解決しようとする他の課題は、包装箱から必要な任意の枚数のシート状物品を取り出すことができ、残紙をそのまま保管して管理することができるシ

ート状物品用包装箱を提供することにある。

【0006】

【課題を解決するための手段】

本考案の第1の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体に切り割り自在に設けられた切り割り壁を備え、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0007】

本考案の第2の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体に切り割り自在に設けられた切り割り壁を備え、包装箱本体の壁と切り割り壁とは、ミシン目状の切り割り部で接続され、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0008】

本考案の第3の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体に切り割り自在に設けられた切り割り壁を備え、包装箱本体の壁と切り割り壁とは、接着テープで接続され、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0009】

本考案の第4の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体に切り割り自在に設けられた切り割り壁を備え、この切り割り壁は、切り割り後、包装箱本体の壁に折り曲げ自在に連続する部分を有し、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0010】

本考案の第5の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体に切り割り自在に設けられた切り割り壁を備え、この切り割り壁は、切り割り後、包装箱本体の壁に折り曲げ自在に連続する部分を有し、包装箱本体の壁と切り割り壁とは、この連続する部分を除きミシン目状の切り割り部で接続され、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0011】

本考案の第6の課題解決手段は、多数枚のシート状物品を積層して包装する厚紙製の立方体の包装箱本体から成るシート状物品用包装箱において、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体の壁に枢動自在に設けられた蓋と、この蓋を包装箱本体に開閉自在に保持する蓋開閉手段とを備え、シート状物品は、包装箱本体内に上壁に平行に積層して収納されることを特徴とするシート状物品用包装箱を提供することにある。

【0012】

本考案の第7の課題解決手段は、第6の課題解決手段によるシート状物品用包

装箱であって、蓋開閉手段は、蓋の縁と包装箱本体の壁の縁とに跨がって剥離自在に貼り付けられる接着テープから成っていることを特徴とするシート状物品用包装箱を提供することにある。

【0013】

本考案の第8の課題解決手段は、第6の課題解決手段によるシート状物品用包装箱であって、蓋開閉手段は、蓋に設けられ包装箱本体の壁の差し込み孔に差し込まれて蓋を閉じた状態に固定する差し込み片から成っていることを特徴とするシート状物品用包装箱を提供することにある。

【0014】

【作用】

このように、包装箱は、その1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を有し、シート状物品は、この包装箱内に上壁と平行に積層して収納されていると、シート状物品は、シート摘み用開口を通して包装箱内に手を入れて所定枚数のシート状物品を摘み、このシート摘み用開口に連続するシート取り出し用開口からこれらのシート状物品を取り出すことができるので、シート状物品の使用時に、包装紙を開く必要がなく、取扱が容易となる。

【0015】

シート状物品は、包装紙に包むことなく、そのまま包装箱内に収納されるので、シート状物品の梱包に際してシート状物品を包装紙に包む作業が不要となるため、梱包作業の効率を向上することができ、また包装紙が不要であるため経済的となる。

【0016】

包装箱は、ミシン目状の切り割り部を切るか、接着テープを剥して切り割り壁を切り割り部に沿って包装箱本体の壁から切り離すだけで簡単に開くことができるので、開包作業が容易である。

【0017】

シート状物品の残品は、包装箱内にそのまま保管されるので、シート状物品が折れたり汚れたりすることなく、その管理が容易である。

【0018】

切り割り壁は、その全部を切り割するのではなく、その一部を包装箱本体の壁に折り曲げ自在に連続したままとして切り割すると、この切り割り壁は、開口の蓋として利用することができるので、包装箱内にごみ、湿気が侵入するのを防止することができるから、残品を汚したり、傷めることがなく、残品の保管を良好な状態で行うことができる。

【0019】

また、紙製の立方体の包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を閉じるように包装箱本体の壁に枢動自在に設けられた蓋を備え、シート状物品が包装箱本体内に上壁に平行に積層して収納されていると、同様にして、シート状物品は、シート摘み用開口を通して包装箱内に手を入れてシート状物品を摘み、このシート摘み用開口に連続するシート取り出し用開口からシート状物品を取り出すことができるので、シート状物品の使用時に、包装紙を開く必要がなく、取扱が容易となる。

【0020】

この蓋が開口部を閉じた状態で剥離性の接着テープで閉じられていると、接着テープを剥して容易に開くことができ、この接着テープが再接着性を有すると、この接着テープを用いて蓋を繰り返し接着することができて有利である。

【0021】

また、この蓋が包装箱本体の壁の差し込み孔に差し込んで蓋を包装箱本体の壁に固定する差し込み片を有すると、包装箱は、差し込み片を包装箱本体の差し込み孔から抜くだけで開くことができるので、開包作業を一層簡潔に行うことができ、また必要な枚数のシート状物品を取り出した後、蓋の差し込み片を包装箱本体の差し込み孔に差し込むだけで、蓋を閉じることができるので、取扱が一層容易である。

【0022】**【実施例】**

本考案の実施例を図面を参照して詳細にのべると、図1は本考案に係るシート

状物品用包装箱10を示し、この包装箱10によって包装されるシート状物品12は、典型的には、OA機器用プリント用紙又はコピー用紙である。このシート状物品用包装箱10は、多数枚のシート状物品12を積層して包装する厚紙製の立方体の包装箱本体14から成っている。

【0023】

包装箱本体14は、段ボール等の厚紙を部分的に連続した状態で打ち抜いて形成された下壁16と4つの垂直壁18、18'、20、20'と上壁22とを接合部分24で組立てて形成されている。図2に示すように、通常の包装箱と同様に、この包装箱本体14の接合部分24は、相接合する壁16、18、18'、20、20'の一方に折り曲げ延長縁片26を有し、この延長縁片26に他方の壁の縁を接着材28等によって接合して形成される。尚、垂直壁18、18'はそれぞれ正面壁、後面壁であり、また垂直壁20、20'はそれぞれ左右の側壁である。

【0024】

本考案のシート状物品用包装箱10は、包装箱本体14の1つの垂直壁、図示の実施例では、正面壁である垂直壁18に設けられたシート摘み用開口30とのシート摘み用開口30に連続して包装箱本体14の上壁22に設けられたシート取り出し用開口32とから成る開口部34を閉じるように包装箱本体14の壁に切り割り自在に設けられた切り割り壁36を備え、図1の実施例では、この切り割り壁36は、垂直壁18及び垂直壁20と上壁22との境界部分に切り割り自在になっている。シート状物品12は、図1に示すように、包装箱本体14内に下壁16及び上壁22に平行に積層して収納される。

【0025】

シート摘み用開口30は、図示の実施例では、両端を残して手が入る程度の幅で垂直壁18の全高さに渡って延びているが、図4に示すように、下壁16に近いシート状物品12を摘むことができれば、垂直壁18の下壁16側の一部18aを僅かに残して上縁まで延びていてもよい。また、シート取り出し用開口32は、図示の実施例では、シート状物品12の幅に相応して上壁22の全幅で図1の符号22aで示す壁部分（後方端部）を残して延びているが、シート状物品1

2が紙のように大きな撓みを有する場合には、図5に示すように、シート状物品12を取り出せる範囲で縦方向の半分程度の上壁部分22hを残し、また幅方向の両端部分22wを残して形成してもよい。

【0026】

切り割り壁36は、図1又は図5に示すように、開口30及び32から成る開口部34に相応する形状を有し、この切り割り壁36は、図3に示すように、包装箱10の開包時に、包装箱本体14から完全に切り離してもよいが、好ましくは、図1に示すように、後にのべる切り割り部38の一部、例えば、上壁22の残った壁部分22aの前縁に沿った切り割り部38の部分を切り割ることなく、符号fで示すように折り曲げ自在に連続したままとして開口部34の蓋として機能するようにすることができる。

【0027】

切り割り壁36は、図6に示すように、垂直壁18及び上壁22と同じ壁面であってそれぞれ垂直壁18及び上壁22の残った部分と共に垂直壁18及び上壁22の一部を構成しているが、適宜の切り割り部38によって垂直壁18、垂直壁20と上壁22との境界部分及び上壁22（図1に示すように、上壁22に対して折り曲げ線fで折り曲げ自在となっている場合には、厳密には上壁22と垂直壁20、20'との境界部である隅部のみとなる）に対して切り割り自在に接続されている。

【0028】

この切り割り部38は、典型的には、図6（A）に示すような一本のミシン目40Aであるが、図6（B）に示すような二本のミシン目40Bとすることができ、また図6（C）に示すように、切り割り壁36が符号cで示すように垂直壁18及び上壁22から連続する部分を除き符号cで示すように完全に切り離されていて切り割り壁36と垂直壁18及び垂直壁20と上壁22との境界部分との間に跨がって貼り付けられた接着テープ40Cから成っていてもよい。切り割り部38が二本のミシン目40Bから成っている場合には、切り割り部38は、二本のミシン目40Bの間隔に相応する幅を有するので、開包時にテープ状に切り割りされる。従って、切り割り壁36を蓋として機能させる場合には、包装箱本

体14の壁部分との間に隙間が生ずるので、この隙間に指を入れることができるので蓋の開閉が容易となるが、この隙間から湿気やごみが侵入し易くなる。

【0029】

次に、本考案のシート状物品用包装箱10の使用状態をのべると、シート状物品12は、包装紙に包まれることなく、図1に示すように、包装箱本体14内に下壁16及び上壁22に平行にして裸のまま積層されて収納される。包装箱10は、このシート状物品12を収納した後、図2に示す接合部分24を閉じて出荷され、販売される。

【0030】

このようにシート状物品12が収納された包装箱10を購入した使用者は、切り割り部38であるミシン目40A又は40Bをナイフ等で切り割して切り割り壁36を包装箱本体14の壁から切り割りして開包する。この場合、既にのべたように、切り割り壁36は、図3に示すように、その全体を切り離してもよいが、図1に示すように、折り曲げ線fの部分は切り離さないで、切り割り壁36を蓋として機能させることが好ましい。尚、図1の実施例では、切り割り部38の切り離されない部分は、上壁22の幅方向の縁との境界部分であったが、上壁22の縦方向の縁部分であってもよく、後者の場合、垂直壁18の開口30の縁との境界部分に連続して切り残して、垂直壁18と上壁22との両方に跨がって折り曲げ自在としてもよい。

【0031】

その後、使用者は、シート摘み用開口30を通して手を入れて所定枚数のシート状物品12を摘み、これらのシート状物品12をシート取り出し用開口32を通して取り出す。取り出し後、蓋である切り割り壁36を垂直壁18及び上壁22に合わせて開口30及び32を閉じる。従って、残っているシート状物品12は、包装箱10を保管ケースとしてそのまま保管することができる。

【0032】

本考案の他の実施例が図7及び図9に示されており、これらの実施例では、切り割り壁36に代えて予め上壁22に枢動部51で折り曲げ自在に支持され、この枢動部51を除いて包装箱本体14の壁から切り離されて形成された蓋50と

、この蓋50を包装箱本体14の壁に開閉自在に固定する蓋固定手段52とを備えている。枢動部51は、適宜の形態とすることができますが、図7に示すように、薄肉枢動部とするのが好ましい。

【0033】

図7の実施例では、蓋固定手段52は、図7及び図8に示すように、垂直壁18及び垂直壁20と蓋50との間に跨がって両壁の間に剥離自在に貼り付けられた接着テープ54から成っている。特に、この接着テープ54がマジックファスナーのように剥離後の再接着性を有すると、蓋50を包装箱本体14の壁に気密を保って繰り返し固定することができるので好ましい。

【0034】

図9の実施例では、蓋固定手段52は、蓋50に設けられ垂直壁18及び垂直壁20に設けられた差し込み孔56に差し込まれて蓋50を閉じた状態に固定する差し込み片58から成っている。出荷時には、この差し込み片58は、不本意に開くことがないように、蓋50と共にガムテープ等の適宜の手段によって固定される。

【0035】

図7及び図9の実施例では、蓋固定手段52である接着テープ54を剥すか蓋5と共に差し込み片58を固定しているガムテープを剥して蓋50を枢動部51で枢動して開き、図1の実施例と同様にして開口部34の開口30（図7及び図9には図示せず）から手を入れてシート状物品12を摘み、開口32からこのシート状物品12を取り出す。その後、蓋50を閉じるが、接着テープ54が再接着性を有する場合には、この接着テープ54で再接着し、又は差し込み片58を差し込み孔56に差し込んで蓋50を固定する。このようにして、包装箱10内に残品をそのまま保管することができる。

【0036】

【考案の効果】

本考案によれば、上記のように、包装箱は、包装箱本体の1つの垂直壁に設けられたシート摘み用開口とこのシート摘み用開口に連続して包装箱本体の上壁に設けられたシート取り出し用開口とから成る開口部を有し、シート状物品は、こ

の包装箱内に上壁と平行に積層して収納されているので、シート状物品は、シート摘み用開口を通して包装箱内に手を入れてシート状物品を摘み、このシート摘み用開口に連続するシート取り出し用開口からシート状物品を取り出すことができ、従ってシート状物品の使用時に、包装紙を開く必要がなく、取扱が容易となる。

【0037】

また、シート状物品を包装紙で包むことなく、そのまま包装箱内に収納されるので、シート状物品の梱包に際してシート状物品を包装紙に包む作業が不要となるため、梱包作業の効率を向上することができ、また包装紙が不要であるため経済的である。

【0038】

更に、包装箱の開包は、ミシン目状の切り割り部を切るか、接着テープを剥して切り割り壁を切り割り部に沿って包装箱本体の壁から切り離すだけで簡単に行われるので、開包作業が容易である。

【0039】

特に、シート状物品の残品は、包装箱内にそのまま保管することができるので、シート状物品が折れたり、汚れたりすることなく、シート状物品の保管及び管理が容易である。

【0040】

切り割り壁は、切り割り部の一部を残して包装箱本体の壁に折り曲げ自在に連続したままとすることができる、この場合、切り割り壁は、開口の蓋として利用することができるので、開包された包装箱内にごみ、湿気が侵入するのを防止することができるから、残品を汚したり、傷めることなく、残品の保管を良好な状態で行うことができる。

【0041】

また、切り割り壁に代えて開口部を閉じる蓋が包装箱本体に枢動自在に取り付けられていると、開包時に、面倒な切り割り作業が不要となるので、開包作業が容易であり、またシート状物品の取り出し後、蓋を閉じてシート状物品を良好に保管することができる実益がある。